

CURRICULUM VITAE
JO-ANNE THOMAS

Profession : Environmental Consultant
Specialisation : Strategic environmental assessment and advice; project management and co-ordination of environmental projects; environmental compliance monitoring; Environmental Impact Assessment; environmental management; peer review; policy, strategy and guideline formulation; renewable energy projects, hydrology and water management
Work experience : 12 years

SKILLS BASE AND CORE COMPETENCIES

- Twelve years experience in the environmental field
- Project management for a range of environmental processes undertaken for development projects
- *Identification and assessment of potential negative environmental impacts and benefits through the review and manipulation of data*
- Working knowledge of environmental planning processes, policies, regulatory frameworks and legislation
- *Identification of practical and achievable mitigation and management measures and the development of appropriate management plans*
- Compilation and review of environmental reports in accordance with relevant environmental legislative requirements
- Formulation of environmental policies, strategies and guidelines
- Undertaking public participation processes for a variety of projects
- Providing strategic environmental advice to a wide variety of clients both in the public and private sectors
- Registered Professional Natural Scientist (Registration No 400024/00)

TERTIARY EDUCATION

- 1993, BSc (Earth Sciences), University of the Witwatersrand
- 1994 BSc Hons (Botany), University of the Witwatersrand
- 1996, MSc (Botany), University of the Witwatersrand

EMPLOYMENT HISTORY

- 2006 – present: Savannah Environmental (Pty) Ltd: Director; Environmental Scientist
- 1997 – 2005: Bohlweki Environmental (Pty) Ltd: Environmental Scientist

SELECTED RELEVANT PROJECT EXPERIENCE

- EIAs and EMPs for various wind energy facility developments across South Africa
- EIAs and EMPs for various solar energy developments across South Africa
- Site selection for various development projects as part of Environmental Impact Assessment processes for various projects throughout South Africa
- Opportunities and constraints assessment for various development projects as part of Environmental Impact Assessment processes for various projects throughout South Africa
- EIAs and EMPs for various projects throughout South Africa

CURRICULUM VITAE
UMESHREE NAICKER

Profession : *Environmental Consultant*
Specialisation : *Environmental Management*
Work experience : *4 years*

SKILLS BASE AND CORE COMPETENCIES

- . The compilation of the environmental application forms and reports for the environmental processes; Basic Assessment, Scoping and EIR, Amendment Application and Appeals Procedure
- Co-ordinate and facilitate Public Participation Process (PPP):
- Liaising with client, relevant authorities and departments.
- ECO/EO Audits and the compilation and implementation of Environmental Management Programmes

TERTIARY EDUCATION

- . BSc (Environmental Science) Obtained from the University of Kwa Zulu Natal (2007)
- 2. BSc Hons (Environmental Science) obtained from the University of South Africa (2011)

EMPLOYMENT HISTORY

- 1. January 2012 to current, Company : Savannah Environmental, Position: Environmental Consultant
- 2. February 2008 – November 2011, Company : Buk'indalo Consultancy, Position: Jnr Environmental Consultant

SELECTED RELEVANT PROJECT EXPERIENCE

- Basic Assessment Process for the construction of various Local Roads and Causeways in the Umkhanyakude District Municipality
- 2. Basic Assessment Process for the construction of two Bridges (No 3126/1 & 3127/1), and Extension to Local Road L1135 Uthukela District Municipality
- 3. Scoping Report for the Raising of the Refurbishment Dam Wall and the Installation of a pipeline for the Eston Sugar Mill, 2008.
- 4. Basic Assessment Process for the construction of two Bridges (No 3126/1 & 3127/1), and Extension to Local Road L1135 Uthukela District Municipality for 2010, Department of Transport: Estcourt Cost Centre.
- 5. Basic Assessment Process for the construction of Local Roads and Causeways in the Umkhanyakude District Municipality for 2011, Department of Transport

CURRICULUM VITAE

TONY BARBOUR

Environmental Consultant and Researcher

SKILLS BASE AND CORE COMPETENCIES

- More than 18 years experience in the field of environmental management.
- Undertaken 20 Social Impact Assessments (SIA) for EIAs commissioned by the Department of Environmental Affairs and Development Planning (DEA&DP).
- Developed SIA guidelines for DWAF.
- Worked experience in South Africa, Botswana, Namibia, Zambia, Lesotho and Swaziland.

TERTIARY EDUCATION

- BSc (Geology and Economics) Rhodes, 1984
- BEcon (Hons) Rhodes, 1985
- MSc (Environmental Science) University of Cape Town, 1992

EMPLOYMENT HISTORY

- Private consultant: November 2004 – present
- UCT: August 1996- October 2004. Environmental Evaluation Unit, Senior Environmental Consultant and Researcher.
- 1991-1996: Ninham Shand Consulting, Cape Town. Senior Environmental Scientist
- 1996-2000; SRK Consulting, Associate Director, Cape Town
- 1990- Current: Lecturer, UCT and Cape Technikon, Environmental Economics, SIA, SEA, EIA and Waste Management.

SELECTED RELAVANT PROJECT EXPERIENCE

- SIA for the Darling Wind Farm, Western Capr (2001-2002).
- Portnet Saldanha, EIA for the expansion of a bulk iron ore exporting facility at the Port of Saldhana (2000).
- SIA for road upgrade between Gansbaai and Bredadorp (2005)
- SIA for Zeekoevlei Golf Estate, Somerset West (2005)
- SIA for Silwersand Golf and Resort Estate, Robertson, Western Cape (2003)
- Internal Review consultant for Golder Associates on Namakwa Sands Heavy Mineral Mining EIA (current).
- Review of EIA for Zeekoevlei Golf Course Estate, Somerset West (2005)
- Review of EIA for Oostenberg Waste Transfer Station, Brackenfell, Western Cape (2004)
- Review of EIA for N7 Road upgrade, Clanwilliam, Western Cape (2002).

CURRICULUM VITAE
IAIN PATON

Geologist

SKILLS BASE AND CORE COMPETENCIES

Engineering and Geology.

TERTIARY EDUCATION

Rhodes University, Grahamstown, South Africa

- 1993: Bachelor of Science Degree in Geology and Economics
- 1994: Bachelor of Science with Honours Degree in Geology

WORK EXPERIENCE

- 1995 to 1996 Mine Geologist – Western Areas Gold Mine (JCI Limited), Johannesburg
- 1996 to 1997 Senior Geologist – Western Areas Gold Mine (JCI Limited), Johannesburg
- 1997 to 1998 Logging Geologist - Halliburton Energy Services (Drilling Systems), Aberdeen, Scotland
- 2000 - 2006 Construction Site Manager – Progex, Knysna
- 2006 to 2008 Engineering Geologist & Member - Siyakhula Lab cc, Knysna Civil Laboratory & Geotechnical Services
- 2008 to date Engineering Geologist & Member - Outeniqua Geotechnical Services cc (Formerly Siyakhula Lab cc), Knysna

CURRICULUM VITAE

JACQUES LOUIS VOLSCHENK

Profession: Town and Regional Planner (SACPLAN registration No. A/208/2010)

Specialisation : Town Planning-related applications, Project Management, Visual Impact Assessments

Work experience :

- 1 year in-service training at the City of Cape Town (1999)
- 10 years' experience in a leading integrated Town and Regional Planning Firm – Dennis Moss Partnership Urban Design
- Zone Land Solutions – Specialist Visual Impact Assessment

SKILLS BASE AND CORE COMPETENCIES

During my tenure as Professional Town Planner, I have been exposed to a wide range of projects within the realm of the planning profession. This enabled me to develop certain interests for which specific skills and tools have been acquired throughout the years.

To this extent, I find the field of development planning particularly interesting and challenging. The manner in which I have experienced development planning, require of a planner to perform a multitude of functions in a development process, key of which is a coordinating and managing role. The skills set needed to be successful in the profession also enabled me to expand my capabilities and into the realm of GIS-based visual assessments. The other key skills that I have acquired to excel in this field are:

- Development coordination and facilitation,
- Project management,
- Preparation of land development plans and report writing,
- Integrated environmental management, and
- Planning research.

TERTIARY EDUCATION

- Cape Peninsula University of Technology (previously Cape Technikon), Cape Town. ND: Town and Regional Planning. 2000
- Cape Peninsula University of Technology, Cape Town. BTech: Town and Regional Planning. 2001

EMPLOYMENT HISTORY

Refer above.

SELECTED RELAVANT PROJECT EXPERIENCE

- Ceder Lake Resort and Conference Centre (2008)
- Devonvale Golf and Wine Estate (2006)
- Hartenbosch Lifestyle Village and Garden Walk Precinct (2011)

CURRICULUM VITAE

SIMON TODD

Profession: Ecological Consultant
Specialisation: Plant & Animal Ecology
Years of Experience: 15 Years

SKILLS BASE AND CORE COMPETENCIES

- Research & description of ecological patterns & processes in Fynbos, Succulent Karoo, Nama Karoo, Thicket, Arid Grassland and Savannah Ecosystems.
- Ecological Impacts of land use on biodiversity
- Vegetation surveys & degradation assessment & mapping
- Long-term vegetation monitoring
- Faunal surveys & assessment.
- GIS & remote sensing

TERTIARY EDUCATION

- 1992- 1994 – BSc (Botany & Zoology), University of Cape Town
- 1995 – BSc Hons, Cum Laude (Zoology) University of Natal
- 1996- 1997- MSc, Cum Laude (Conservation Biology) University of Cape Town

EMPLOYMENT HISTORY

- 1997 – 1999 – Research Scientist (Contract) – South African National Biodiversity Institute
- • 2000–2004 – Specialist Scientist (Contract) – South African National Biodiversity Institute
- • 2004–2007 – Senior Scientist (Contract) – Plant Conservation Unit, Department of Botany, University of Cape Town
- • 2007 Present – Senior Scientist (Associate) – Plant Conservation Unit, Department of Botany, University of Cape Town.

SELECTED RELAVANT PROJECT EXPERIENCE

- Bitterfontein Solar Plant – Fauna & Flora Specialist Assessment. Specialist Report for Cape EAPrac. 2012.
- Beaufort West Solar Facility, Erf 7388 – Fauna & Flora Specialist Assessment. Specialist Report for Cape EAPrac. 2012.
- Plant Sweeps on Portion 2 of the Farm Demaneng 546, Kuruman District, Northern Cape Province for SA Manganese. 2011.
- Proposed Olyven Kolk Solar Power Plant, Northern Cape: Botanical and Faunal Specialist Assessment. Specialist Report for Environmental Resources Management (ERM). 2011.
- Klawer Wind Farm: Ecological and Biodiversity Assessment: Terrestrial Vertebrate Fauna & Botanical Specialist Study. Specialist Report for Environmental Resources Management. 2011.
- Witberg Wind Farm: Ecological and Biodiversity Assessment: Terrestrial Vertebrate Fauna & Botanical Specialist Study. Specialist Report for Environmental Resources Management. 2011.
- Lambert's Bay Wind Farm: Ecological and Biodiversity Assessment: Terrestrial Vertebrate Fauna & Botanical Specialist Study. Specialist Report for Environmental Resources Management. 2011.

CURRICULUM VITAE
STEPHAN GAIGHER

COMPANY : *G&A Heritage*
SPECIALIST : *Heritage Management Consultants*

SKILLS BASE AND CORE COMPETENCIES

- Heritage Impact Assessment
- Archaeological Impact Assessment
- Grave Relocation

EDUCATION AND PROFESSIONAL STATUS

- 1992 - 1994
Town and Regional Planning
Ancient Cities studies
Course on determining Genius Loci (Sense of Place)
- 1994 - 1996
BA - Philosophy (Cum Laude) with specialization in Aesthetics and Ethics
BA - Archaeology (Cum Laude)
- 1996 - 1998
BA Hons. - Archaeology (Cum Laude)
- 2010 - Present
MA - Archaeology (not awarded yet)

EMPLOYMENT

- Junior Lecturer - University of Venda
1998 - 2000
Lecturing of pre-graduate courses in Archaeology, Forensic Archaeology and Forensic Anthropology
- Principal Investigator - Archaeo-Info Northern Province
1998 - 2005
Managing Director and Principal Investigator
 - Over 2000 Heritage Impact Studies performed during this time
 - Over 2500 Graves Repatriated
- Principal Investigator - G&A Heritage
2005 - Present
Managing Director and Principal Investigator
 - Director of Archaeological Research - Lajuma Research Centre
- 2005 - Present

SELECTED RELEVANT PROJECT EXPERIENCE

- Eskom Solar Integration Project (Northern Cape)
- Brickvale Solar Park PV Array
- Camden Mbewu 400kVa